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- (6) A description and diagram of the blowout prevention equipment you will use during each phase of drilling;
- (7) The expected depth and thickness of fresh water zones:
- (8) Anticipated lost circulation zones;
- (9) Anticipated temperature gradient in the area;
 - (10) Well site layout and design;
- (11) Existing and planned access roads or ancillary facilities; and
- (12) Source of drill pad and road building material and water supply.
- (d) Show evidence of bond coverage (See 43 CFR 3251.15);
- (e) Estimate how much surface disturbance your exploration may cause;
- (f) Describe the proposed measures you will take to protect the environment and other resources;
- (g) Describe methods to reclaim the surface; and
- (h) Include all other information we may require.

§ 3251.13 What action will BLM take on my permit?

- (a) When we receive your exploration permit, we will make sure it is complete and signed, and review it for compliance with the requirements of 43 CFR 3200.4.
- (b) If the proposed operations are located on lands described under 43 CFR 3250.10(a)(2), we will consult with the federal surface management agency before we approve your permit.
- (c) We will check your exploration permit for technical adequacy and we may require additional procedures.
- (d) We will notify you if we need more information to process your permit. We will suspend the review of your permit until we receive the information.
- (e) After our review, we will notify you whether we approved or denied your permit, as well as any conditions we require for conducting operations.

§ 3251.14 Once I have a permit, how can I change my exploration operations?

Send BLM a complete and signed sundry notice, form 3260-3, which fully describes the requested changes. Do not proceed with the change until you receive written approval from BLM.

§ 3251.15 Do I need a bond for conducting exploration operations?

Yes, do not start any exploration operations on BLM-managed lands until we approve your bond. You may meet the requirement for an exploration bond in two ways.

- (a) If you have an existing nationwide or statewide oil and gas exploration bond, provide a rider to include geothermal resources exploration operations, in an amount we have specified.
- (b) If you must file a new bond, the minimum amounts are:
 - (1) \$5,000 for a single operation;
- (2) \$25,000 for all of your operations within a state;
- (3) \$50,000 for all of your operations nationwide.
- (c) See 43 CFR subparts 3214 and 3215 for additional details on bonding procedures.

§ 3251.16 When will BLM release my bond?

We will release your bond after you request it and we determine that you have:

- (a) Plugged and abandoned all wells;
- (b) Reclaimed the land; and
- (c) Complied with the requirements of $43\ \text{CFR}\ 3200.4.$

Subpart 3252—Conducting Exploration Operations

§ 3252.10 What operational standards apply to my exploration operations?

You must:

- (a) Keep exploration operations under control at all times;
- (b) Conduct training during your operation which ensures your personnel are capable of performing emergency procedures quickly and effectively;
- (c) Use properly maintained equipment; and
- (d) Use operational practices which allow for quick and effective emergency response.

§ 3252.11 What environmental requirements must I meet when conducting exploration operations?

(a) You must conduct your exploration operations to: